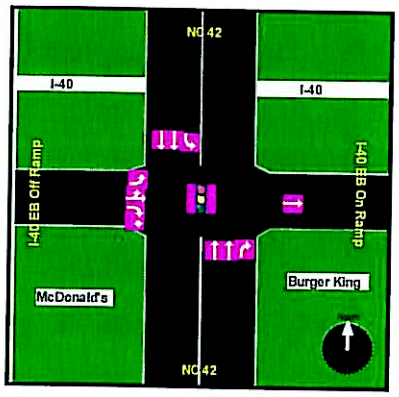
GreenLight
Traffic Services, Inc.
Post Office 1364
Garner, North Carolina 27529-1364
919-632-1779
Benny R. Johnson, President

Count Site # 4

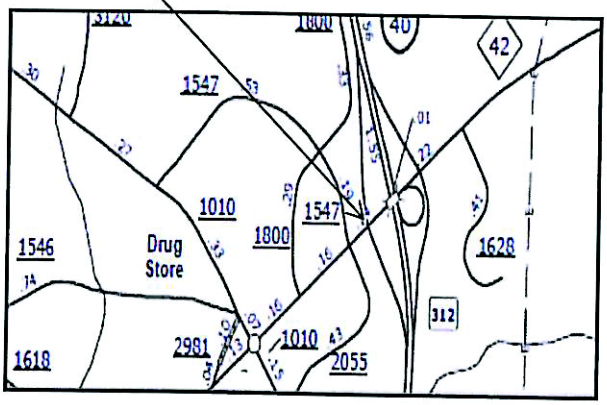
Intersection: NC 42 @ EB I-40 Ramp
Div. – 04 – Johnston Co. – Garner
Date of Count: 5/20/15 Times of Count: 7:00 AM – 9:00 AM and 4:00 PM – 6:00 PM
Counted by: Lois Sauls - Processed By: Benny Johnson
School in Session: Yes Weather Condition: Sunny 0% Chance of Precipitation

Total Volume: 14,175

Method Used: JAMAR DB-400 Electronic Count Board - Equipment Operating Properly: Yes
Type of Count: Turning Movement
Area lighting – Yes - Intersection controlled by: Traffic Signal - No Construction present
No Disable Pedestrians Observed – No Traffic Problems Observed



NC 42 @ EB I-40 Ramp



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NC 42 @
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File Name : Site# 4 NC-42 @ EB Ramps
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Start Date : 5/20/2015
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Groups Printed- All Vehicles

	NC 42 Southbound					I-40 EB On Ramp Westbound					NC 42 Northbound					I-40 EB Off Ramp Eastbound					
Start Time	Left	Thru	X	Peds	App. Total	X	X	X	Peds	App. Total	X	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	28	128	0	0	156	0	0	0	0	0	0	389	36	0	425	17	0	72	0	89	670
07:15 AM	33	159	0	0	192	0	0	0	0	0	0	402	42	0	444	9	0	81	0	90	726
07:30 AM	31	116	0	0	147	0	0	0	0	0	0	353	24	0	377	13	14	114	0	141	665
07:45 AM	38	168	0	0	206	0	0	0	0	0	0	382	38	0	420	14	6	125	7	152	778
Total	130	571	0	0	701	0	0	0	0	0	0	1526	140	0	1666	53	20	392	7	472	2839
08:00 AM	38	115	0	0	153	0	0	0	0	0	0	367	40	0	407	14	0	101	5	120	680
08:15 AM	38	140	0	0	178	0	0	0	0	0	0	327	38	0	365	19	1	102	0	122	665
08:30 AM	21	198	0	0	219	0	0	0	0	0	0	318	30	0	348	19	0	101	0	120	687
08:45 AM	23	160	0	0	183	0	0	0	0	0	0	294	33	0	327	33	1	97	0	131	641
Total	120	613	0	0	733	0	0	0	0	0	0	1306	141	0	1447	85	2	401	5	493	2673
*** BREAK ***																					
04:00 PM	62	243	0	0	305	0	0	0	0	0	0	243	43	0	286	43	10	243	0	296	887
04:15 PM	45	274	0	0	319	0	0	0	0	0	0	313	45	0	358	60	11	261	0	332	1009
04:30 PM	61	311	0	0	372	0	0	0	0	0	0	286	65	0	351	53	0	288	0	341	1064
04:45 PM	47	316	0	0	363	0	0	0	0	0	0	316	35	0	351	37	0	302	0	339	1053
Total	215	1144	0	0	1359	0	0	0	0	0	0	1158	188	0	1346	193	21	1094	0	1308	4013
05:00 PM	50	325	0	0	375	0	0	0	0	0	0	342	45	2	389	49	0	332	0	381	1145
05:15 PM	54	314	0	0	368	0	0	0	0	0	0	347	40	0	387	39	0	378	0	417	1172
05:30 PM	57	335	0	0	392	0	0	0	0	0	0	355	31	0	386	43	0	382	0	425	1203
05:45 PM	56	342	0	0	398	0	0	0	0	0	0	310	31	0	341	113	0	278	0	391	1130
Total	217	1316	0	0	1533	0	0	0	0	0	0	1354	147	2	1503	244	0	1370	0	1614	4650
Grand Total	682	3644	0	0	4326	0	0	0	0	0	0	5344	616	2	5962	575	43	3257	12	3887	14175
Apprch %	15.8	84.2	0	0		0	0	0	0		0	89.6	10.3	0		14.8	1.1	83.8	0.3		
Total %	4.8	25.7	0	0	30.5	0	0	0	0	0	0	37.7	4.3	0	42.1	4.1	0.3	23	0.1	27.4	

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Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 4 NC-42 @ EB Ramps
Site Code : Site # 4
Start Date : 5/20/2015
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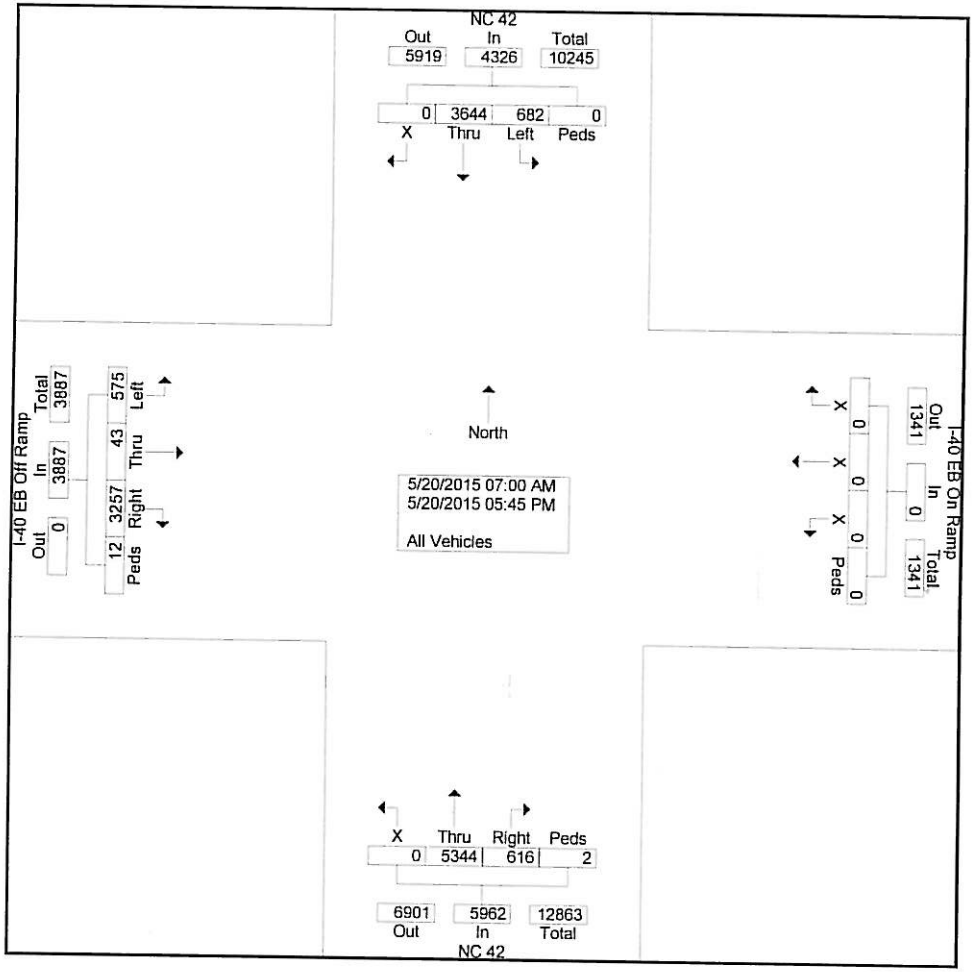

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	NC 42 Southbound					I-40 EB On Ramp Westbound					NC 42 Northbound					I-40 EB Off Ramp Eastbound					
Start Time	Left	Thru	X	Peds	App. Total	X	X	X	Peds	App. Total	X	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	33	159	0	0	192	0	0	0	0	0	0	**402**	**42**	0	**444**	9	0	81	0	90	726
07:30 AM	31	116	0	0	147	0	0	0	0	0	0	353	24	0	377	13	**14**	114	0	141	665
07:45 AM	**38**	**168**	0	0	**206**	0	0	0	0	0	0	382	38	0	420	**14**	6	**125**	**7**	**152**	**778**
08:00 AM	38	115	0	0	153	0	0	0	0	0	0	367	40	0	407	14	0	101	5	120	680
Total Volume	140	558	0	0	698	0	0	0	0	0	0	1504	144	0	1648	50	20	421	12	503	2849
% App. Total	20.1	79.9	0	0		0	0	0	0		0	91.3	8.7	0		9.9	4	83.7	2.4		
PHF	.921	.830	.000	.000	.847	.000	.000	.000	.000	.000	.000	.935	.857	.000	.928	.893	.357	.842	.429	.827	.915

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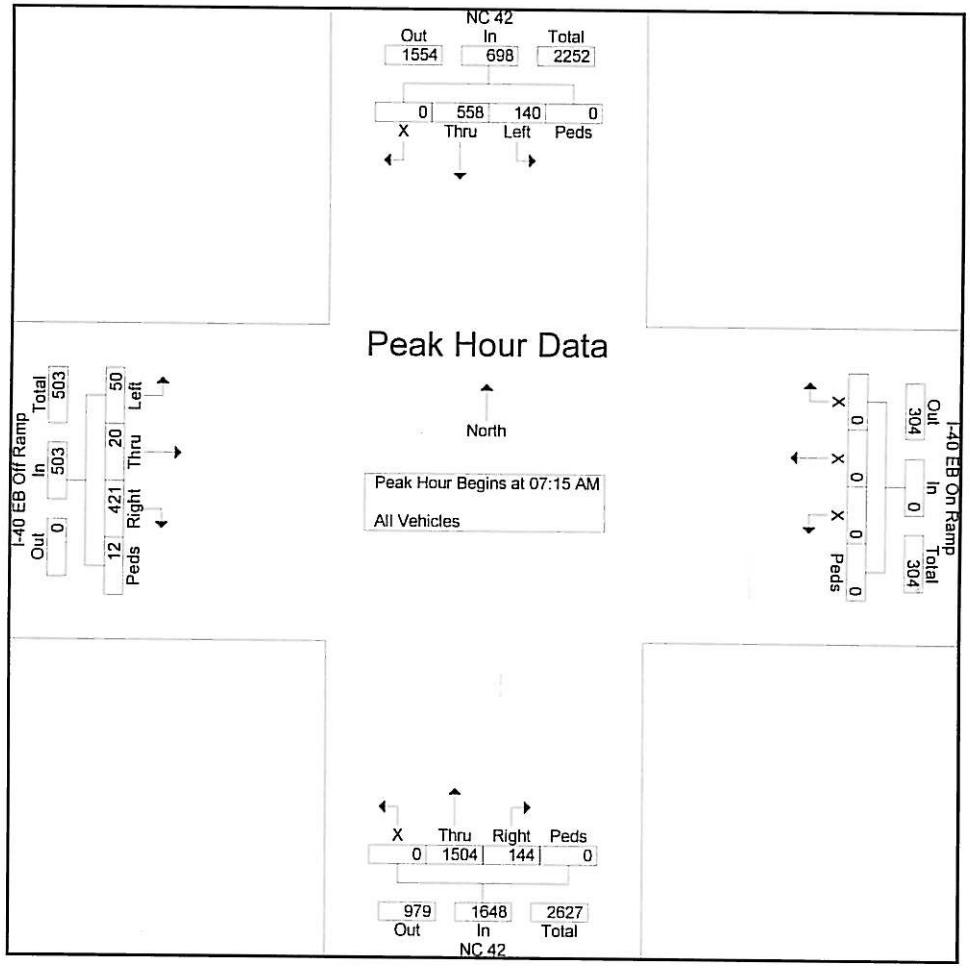

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	NC 42 Southbound					I-40 EB On Ramp Westbound					NC 42 Northbound					I-40 EB Off Ramp Eastbound					
Start Time	**Left**	**Thru**	**X**	**Peds**	**App. Total**	**X**	**X**	**X**	**Peds**	**App. Total**	**X**	**Thru**	**Right**	**Peds**	**App. Total**	**Left**	**Thru**	**Right**	**Peds**	**App. Total**	**Int. Total**
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	50	325	0	0	375	0	0	0	0	0	0	342	**45**	**2**	**389**	49	0	332	0	381	1145
05:15 PM	54	314	0	0	368	0	0	0	0	0	0	347	40	0	387	39	0	378	0	417	1172
05:30 PM	**57**	335	0	0	392	0	0	0	0	0	0	**355**	31	0	386	43	0	**382**	0	**425**	**1203**
05:45 PM	56	**342**	0	0	**398**	0	0	0	0	0	0	310	31	0	341	**113**	0	278	0	391	1130
Total Volume	217	1316	0	0	1533	0	0	0	0	0	0	1354	147	2	1503	244	0	1370	0	1614	4650
% App. Total	14.2	85.8	0	0		0	0	0	0		0	90.1	9.8	0.1		15.1	0	84.9	0		
PHF	.952	.962	.000	.000	.963	.000	.000	.000	.000	.000	.000	.954	.817	.250	.966	.540	.000	.897	.000	.949	.966

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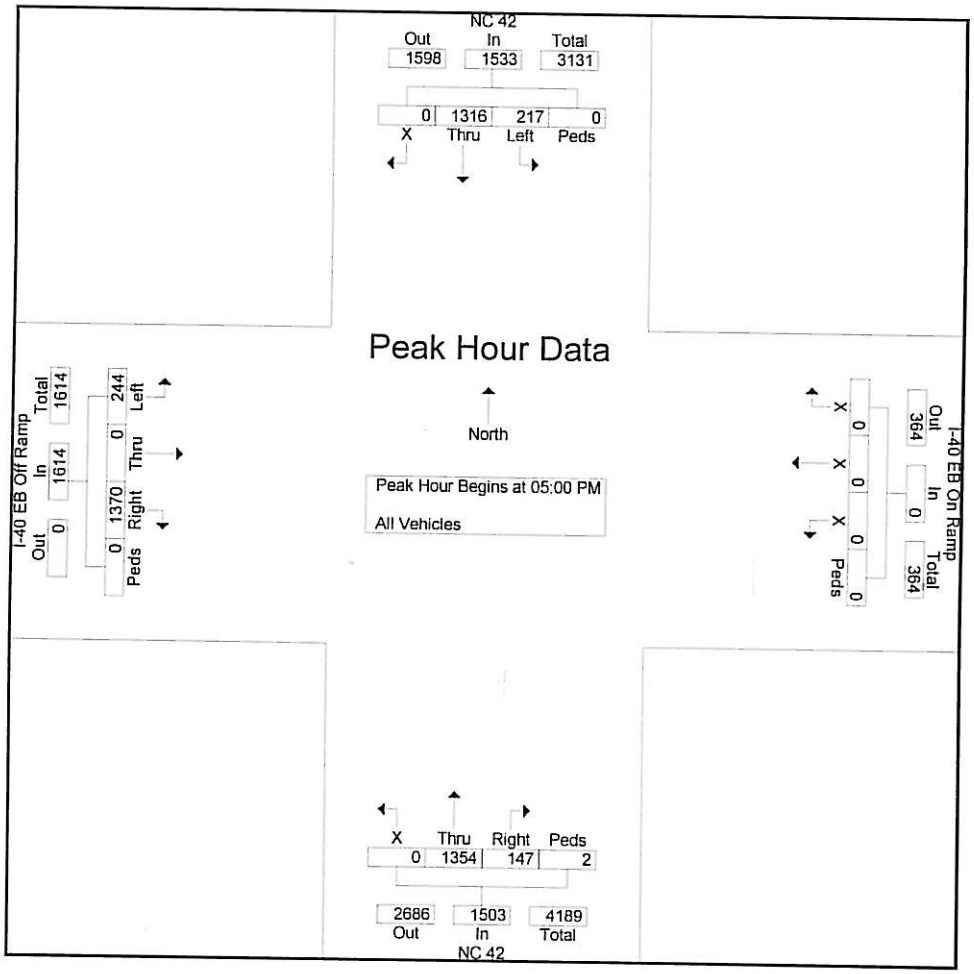

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SB

Southbound approach on NC 42

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NB

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EB

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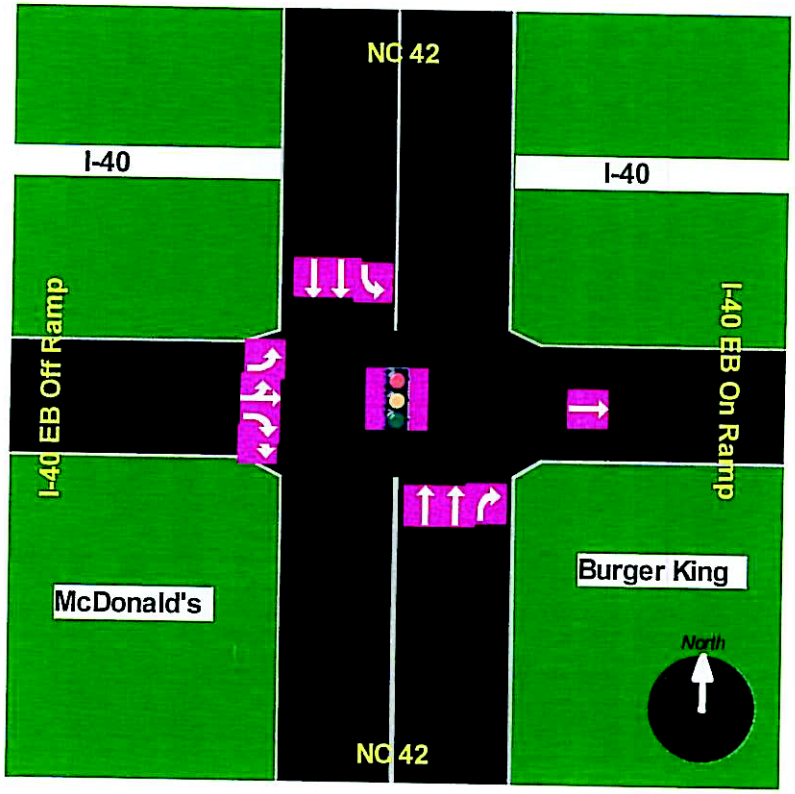
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